

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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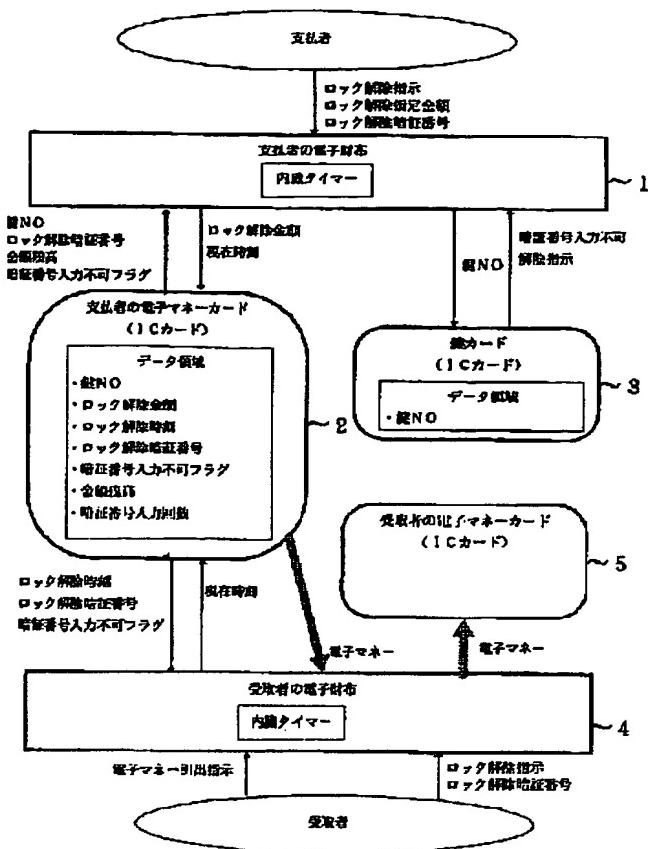
APPLICATION DATE : 11-07-97  
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APPLICANT : HITACHI LTD;

INVENTOR : SASAKI SHIGERU;

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TITLE : ELECTRONIC PURSE AND  
 ELECTRONIC MONEY INTERLOCKED  
 SECURITY SYSTEM



ABSTRACT : PROBLEM TO BE SOLVED: To prevent the withdrawal of electronic money by an illicit person in case of a theft and loss of an IC card and the excessive withdrawal by illicitness or mistake at the time of paying in an electronic money system using IC cards.

SOLUTION: At the time of use, a user assigns an amt. of money at the IC card 2 via an electronic purse 1, emits an instruction for unlocking and sets the time of this moment at the IC card 2. For a request for payment, the IC card 2 makes payment within the rang of the amt. of money instructed to be unlocked. The IC card decides the lapse of time from the time instructed to be unlocked for the payment request and in case the time elapses more than the prescribed time, the IC card sets the amt. of money to be unlocked at zero and prohibits the withdrawal of the electronic money.

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